SONY

3-206-417-**12** (1)

Printer Driver

Installation Guide

This guide describes installation and use of the Printer Drivers for Windows 2000, Windows Me, Windows 98, and Macintosh.

Before Using this Software

Before using the printer driver, be sure to read the “ReadMe” file located in the same folder of the printer driver on the CD-ROM.

DPP-MP1

© 2001 Sony Corporation

Table of Contents

Windows 2000 Printer Driver

Installing the Printer Driver 4
Removing the Printer Driver 5
To remove the printer driver 5
To delete the INF file 5
Using the Printer Driver 6
[Paper] Tab 6
[Graphics] Tab 7

Windows Me Printer Driver

Installing the Printer Driver 10
Removing the Printer Driver 11
To remove the printer driver 11
To remove the Sony USB driver 11
Using the Printer Driver 12
[Paper] Tab 12
[Graphics] Tab 13

Windows 98 Printer Driver

Installing the Printer Driver 16
Removing the Printer Driver 18
To remove the printer driver 18
To remove the Sony USB driver 18
Using the Printer Driver 19
[Paper] Tab 19
[Graphics] Tab 20

Macintosh Printer Driver

Installing the Printer Driver 23
Removing the Printer Driver 23
Making Printer Settings 24
Select the DPP-MP1 with the Chooser 24
Selecting the Paper Type 24
Making Print Settings 25

Microsoft and Windows are registered trademarks of Microsoft Corporation.
Macintosh, Mac and ColorSync are registered trademarks of Apple Computer, Inc.
Other company names and product names mentioned in this guide are also trademarks and registered trademarks.

Windows 2000 Printer Driver

DPP-MP1

Installing the Printer Driver

1 Connect the DPP-MP1 to the computer.

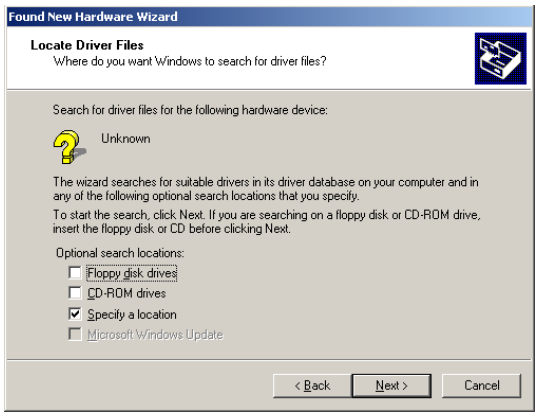
2 Switch the DPP-MP1 on.

3 Switch on the computer, and then log in as the system administrator.
After Windows 2000 starts up, the [Found New Hardware Wizard] opens.

If the [Found New Hardware Wizard] does not open, open the [Printers] folder in the [Control Panel], double-click [Add Printer], and then follow the instructions to install the printer driver.

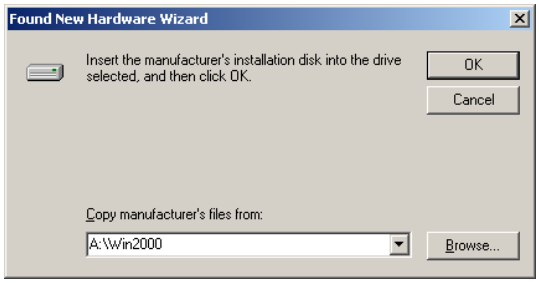
4 Click the [Next] button.
The next screen opens.

5 Make sure that the [Search for a suitable driver ...] option is selected, and then click the [Next] button.
The next screen opens.

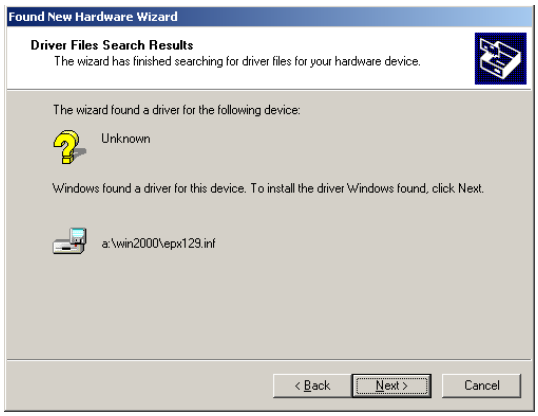


6 Insert the provided “digital photo printer for DPP-MP1” CD-ROM into the CD-ROM drive.

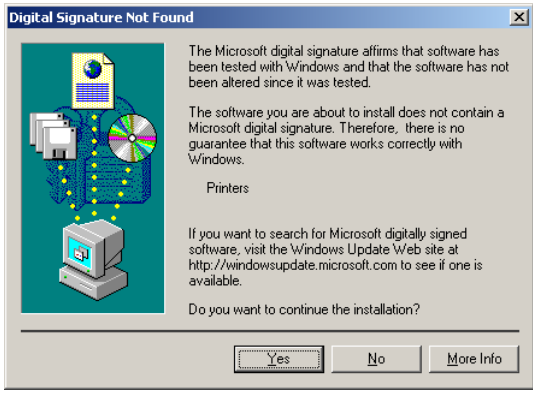
7 Click the [Specify a location] check box on, and then click the [Next] button.
The following dialog box opens.



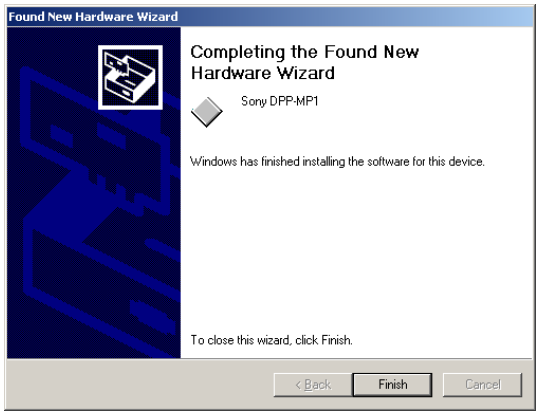
8 Click the [Browse] button, click the [Win2000] folder on the CD-ROM, and then click the [OK] button.
The next screen opens.



9 Click the [Next] button.



If the [Digital Signature Not Found] dialog box opens, click the [Yes] button.
The next screen opens.



10 Click the [Finish] button.

The printer driver installation for Windows 2000 is complete.

Removing the Printer Driver

This section describes the procedure to remove the printer driver.
After removing the printer driver, delete the INF file as described further.

To remove the printer driver

1 Turn on the computer.

2 Select [Printers] from [Settings] in the [Start] menu.
The [Printers] window opens.

3 Select the printer that you want to remove.

4 On the [File] menu, click [Delete].

The printer driver removal is complete.

To delete the INF file

Delete the DPP-MP1 INF file located in C://WinNT/Inf.

Note

Depending on your Windows settings, the “Inf” folder may not be displayed. To display the folder, open [My Computer] and click [Folder Options] on the [Tools] menu. In the [Folder Options] dialog box, click the [View] tab, then select [Show hidden files and folders].

1 In the “Inf” folder, double-click “OemX.inf” (where X is a number). The contents of the INF file appear.

2 In the INF file, confirm that the following appears at the top.
SONY DPP-MP1 Printer Driver for Windows 2000

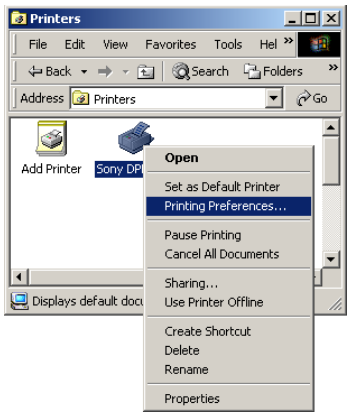
Note

If there is more than one “OemX.inf” file, repeat steps 1 and 2 as necessary.

3 Delete all the INF files indicated above.

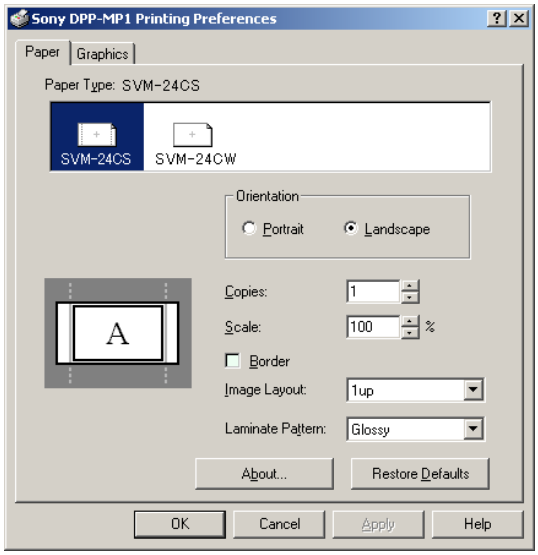
Using the Printer Driver

You can use the printer driver [Printing Preferences] to set the default settings for the paper size, orientation, and other important settings. Open the [Printers] folder in the [Control Panel], right-click the [Sony DPP-MP1] icon, and then select [Printing Preferences].



The [Sony DPP-MP1 Printing Preferences] sheet opens and presents the following tabs and items for setting.

[Paper] Tab



[Paper Type]

Select the type of paper loaded for printing. Types of printer packs that can be loaded and maximum image size settings are as follows,

Print Pack	Max. Image Size
SVM-24CS	1010 × 628 pixels
SVM-24CW	

[Orientation]

Select [Portrait] or [Landscape] for the print direction.

[Copies]

Set the number of copies to print. You can select from 1 to 24 for the number of copies.

[Scale]

Select the rate of enlargement or reduction. You an select a setting within the range of 10% to 400%.

[Border]

Select this check box to print a border in the margins.

[Image Layout]

Select the number of images to print on one sheet: 1up, 2up, 4up, or 8 up.

[Laminate Pattern]

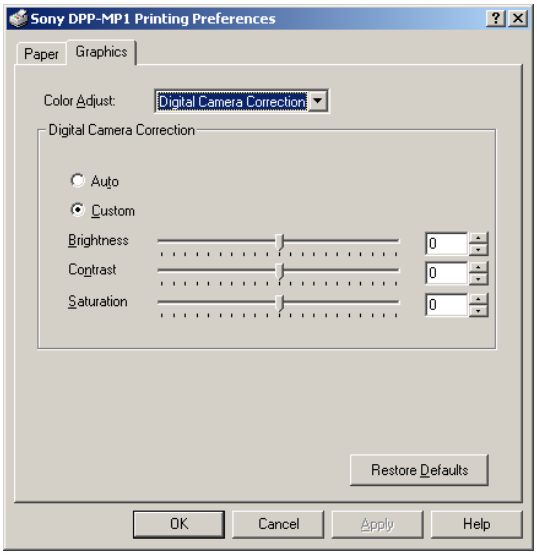
Select a laminate pattern for the surface of the print from the three available options:

- [Glossy] The image is printed with a glossy, slick finish.
- [Texture] The image is printed with a silk screen finish.
- [Matte] The image is printed with a matte finish.

[Graphics] Tab

This tab presents adjustments for image color, brightness and so forth.
From the [Color Adjust] pull-down list, you can select [Digital Camera Correction], [Color Balance], [Sharpness], or [Color Correction], and then adjust the image with the settings provided for each selection.

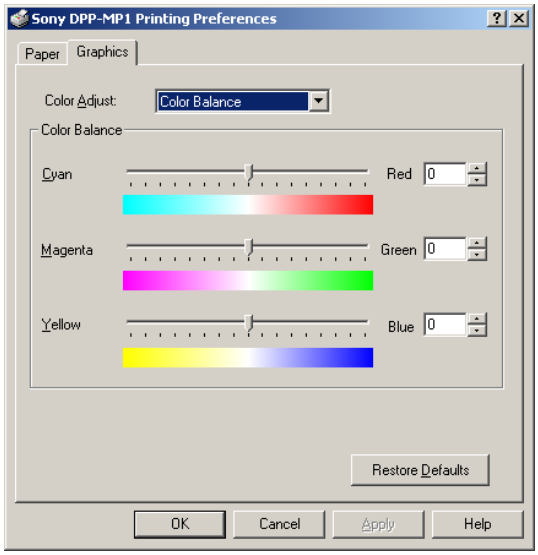
[Digital Camera Correction]



When printing an image captured with a digital camera, you can use the [Brightness], [Contrast] and [Saturation] settings to adjust the image.

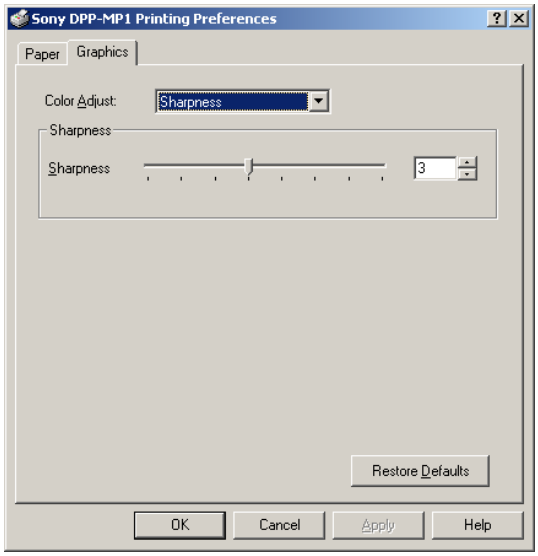
- Select [Auto] to achieve the best possible processing for a digital image.
- Select [Custom] to manually adjust the [Brightness], [Contrast], and [Saturation] of the image.

[Color Balance]



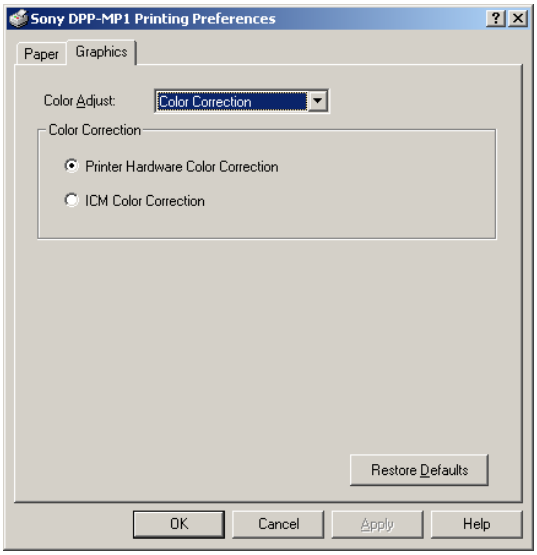
You can adjust the balance for each color by dragging the slider to the left or right, entering a value directly into a box, or clicking the arrows next to a box to increase or decrease the setting.

[Sharpness]



You an adjust the sharpness of the image outline by dragging the slider to the left or right, entering a value directly into the box, or clicking the arrows next to the box to increase or decrease the setting.

[Color Correction]



Select the color correction method.

- Select [Printer Hardware Color Correction] to have the printer correct the color automatically.
- Select [ICM Color Correction] to use a color profile for color correction.

Windows Me Printer Driver

DPP-MP1

Installing the Printer Driver

1 Connect the DPP-MP1 to the computer.

2 Switch the DPP-MP1 on.

3 Switch on the computer.
After Windows Me starts, the [Add New Hardware Wizard] opens.

If the [Add New Hardware Wizard] does not open, double-click the [My Computer] icon. Then double-click the [Control Panel] folder, double-click the [Printers] folder, and double-click [Add Printer]. Follow the instructions displayed to install the printer driver.

4 Insert the provided “digital photo printer for DPP-MP1” CD-ROM into the CD-ROM drive.

5 Click the [Next] button.
After the files are copied, the next screen appears.

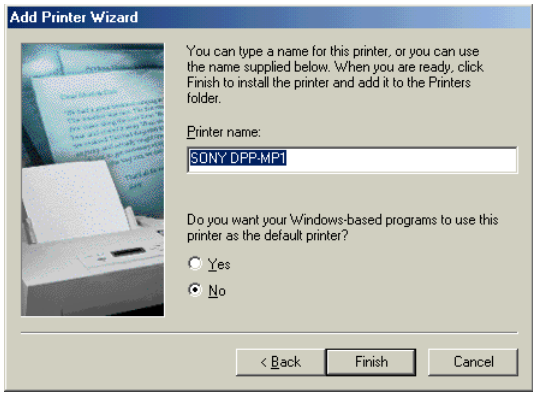
6 Click the [Finish] button.
A dialog box opens.

7 Click [Yes] to re-start your computer. If the [System Settings Change] dialog box does not open after the desktop screen appears, re-start the computer.

8 After the computer re-starts, the next screen appears.

If the [Add New Hardware Wizard] does not open, double-click the [My Computer] icon. Then double-click the [Control Panel] folder, double-click the [Printers] folder, and double-click [Add Printer]. Follow the instructions displayed to install the printer driver.

9 Click the [Next] button.
The next screen opens.



10 Click the [Finish] button.
After the files are copied, the next screen opens.

11 Click the [Finish] button.

The printer driver installation for the USB connection is complete.

Removing the Printer Driver

This section describes the procedure to remove the printer driver.
After removing the printer driver, remove the Sony USB driver.

To remove the printer driver

1 Turn on the computer.

2 Select [Printers] from [Settings] in the [Start] menu.
The [Printers] window opens.

3 Select the printer that you want to remove.

4 On the [File] menu, click [Delete].

The printer driver removal is complete.

To remove the Sony USB driver

Note

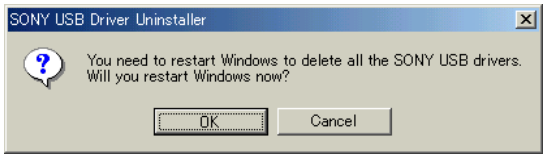
- Exit all programs before you remove the Sony USB driver.
- Before removing the Sony USB driver, make sure that all Sony printer drivers that use the USB port have been removed.

1 Select [Control Panel] from [Settings] in the [Start] menu.
The [Control Panel] window opens.

2 Double-click [Add/Remove Programs].
The [Add/Remove Programs Properties] dialog box opens.

3 In the list that appears on the [Install/Uninstall] tab, select “Sony USB Driver”, and then click the [Add/Remove] button.
The following dialog box opens.

4 Click the [OK] button.
When the removal procedure finishes, the following dialog box opens.



Note

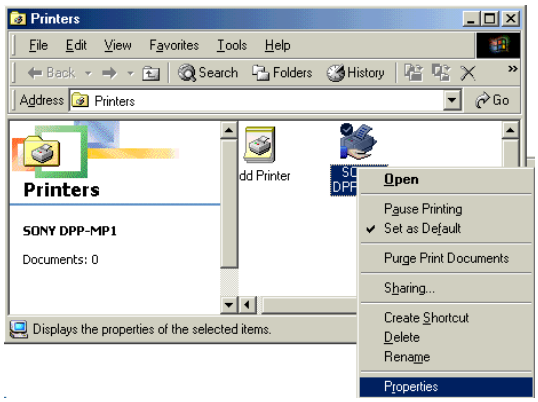
If another printer is using the Sony USB driver, the following dialog box appears.
Click the [OK] button. This stops the removal procedure.

5 Click the [OK] button.
The computer restarts.

The Sony USB driver removal is complete.

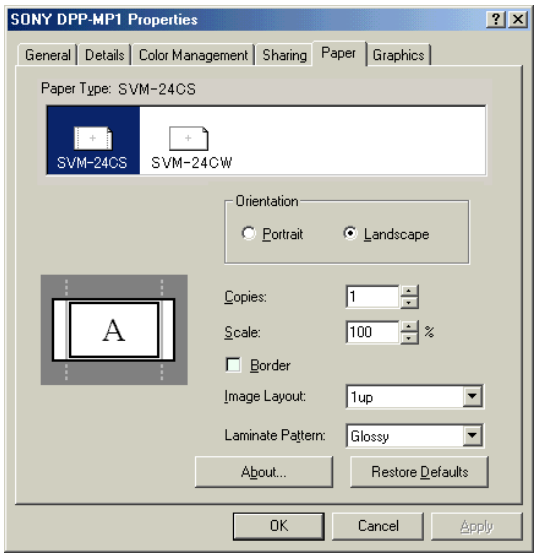
Using the Printer Driver

You can use the printer's [Properties] sheet to set the default settings for the paper size, orientation, and other important settings.
Double-click the [My Computer] icon, double-click [Printers], right-click the [Sony DPP-MP1] icon, and then click [Properties].



The [SONY DPP-MP1 Properties] sheet opens and presents the following tabs and items for setting.

[Paper] Tab



[Paper Type]

Select the type of paper loaded for printing. Types of printer packs that can be loaded and maximum image size settings are as follows,

Print Pack	Max. Image Size
SVM-24CS	1010 × 628 pixels
SVM-24CW	

[Orientation]

Select [Portrait] or [Landscape] for the print direction.

[Copies]

Set the number of copies to print. You can select from 1 to 24 for the number of copies.

[Scale]

Select the rate of enlargement or reduction. You can select a setting within the range of 10% to 400%.

[Border]

Select this check box to print a border in the margins.

[Image Layout]

Select the number of images to print on one sheet: 1up, 2up, 4up, or 8 up.

[Laminate Pattern]

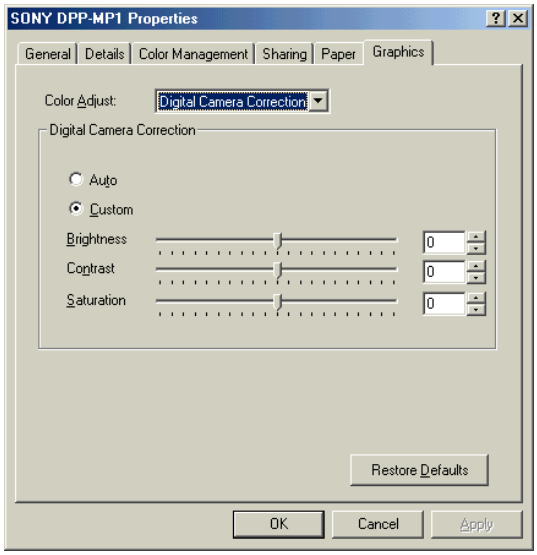
Select a laminate pattern for the surface of the print from the three available options:

- [Glossy] The image is printed with a glossy, slick finish.
- [Texture] The image is printed with a silk screen finish.
- [Matte] The image is printed with a matte finish.

[Graphics] Tab

This tab presents adjustments for image color, brightness and so forth.
From the [Color Adjust] pull-down list, you can select [Digital Camera Correction], [Color Balance], [Sharpness], or [Color Correction], and then adjust the image with the settings provided for each selection.

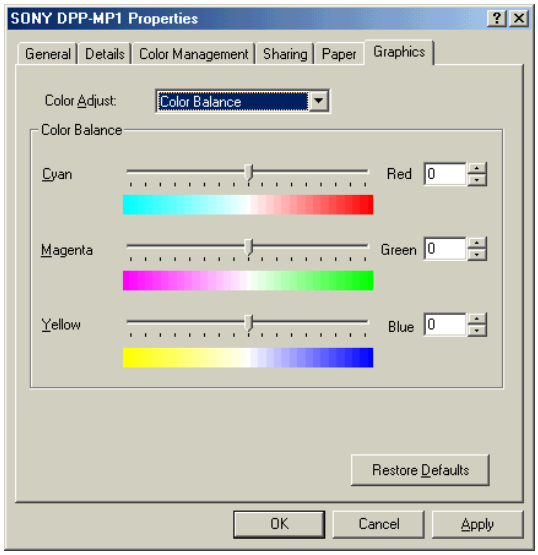
[Digital Camera Correction]



When printing an image captured with a digital camera, you can use the [Brightness], [Contrast] and [Saturation] settings to adjust the image.

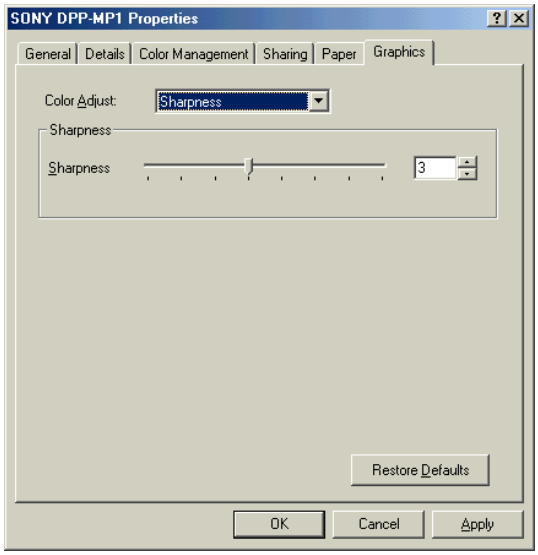
- Select [Auto] to achieve the best possible processing for a digital image.
- Select [Custom] to manually adjust the [Brightness], [Contrast], and [Saturation] of the image.

[Color Balance]



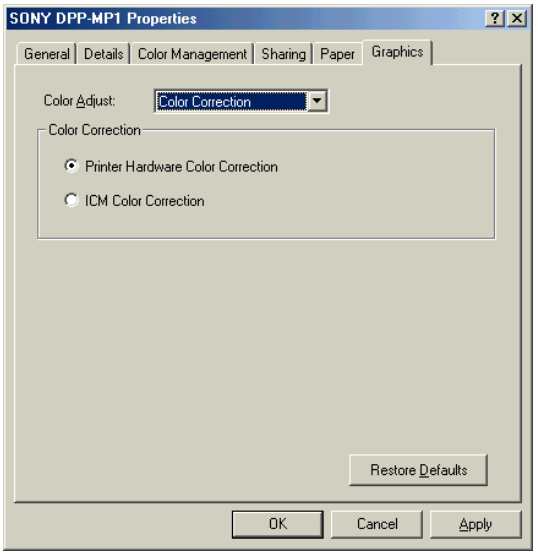
You can adjust the balance for each color by dragging the slider to the left or right, entering a value directly into a box, or clicking the arrows next to a box to increase or decrease the setting.

[Sharpness]



You an adjust the sharpness of the image outline by dragging the slider to the left or right, entering a value directly into the box, or clicking the arrows next to the box to increase or decrease the setting.

[Color Correction]



Select the color correction method.

- Select [Printer Hardware Color Correction] to have the printer correct the color automatically.
- Select [ICM Color Correction] to use a color profile for color correction.

Windows 98 Printer Driver

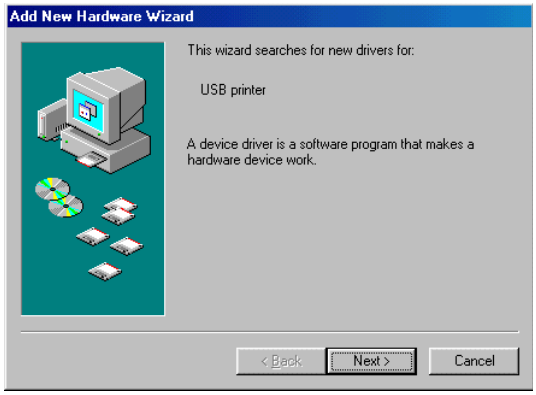
DPP-MP1

Installing the Printer Driver

1 Connect the DPP-MP1 to the computer.

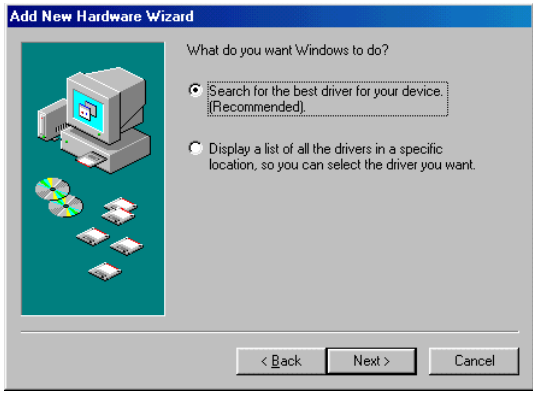
2 Switch the DPP-MP1 on.

3 Switch on the computer.
After Windows 98 starts, the [Add New Hardware Wizard] opens.



If the [Add New Hardware Wizard] does not open, double-click the [My Computer] icon. Then double-click the [Control Panel] folder, double-click the [Printers] folder, and double-click [Add Printer]. Follow the instructions displayed to install the printer driver.

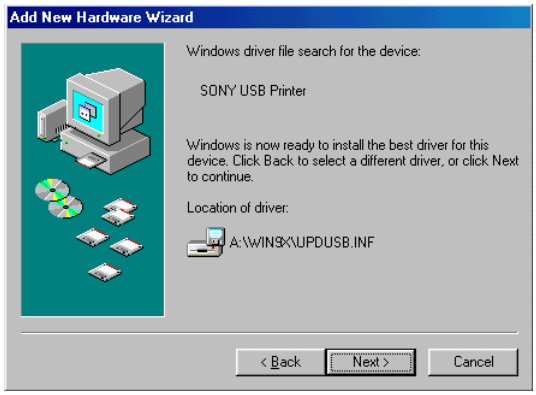
4 Click the [Next] button.
The next screen opens.



5 Make sure the first item, [Search for the best driver ...] is selected, and then click the [Next] button.
The next screen opens.

6 Insert the provided “digital photo printer DPP-MP1” CD-ROM into the CD-ROM drive.

7 Click the [Specify a location] check box on, click the [Browse] button, open the [Win9X] folder on the CD-ROM, and then click the [Next] button.
The next screen opens.



8 Click the [Next] button.
After the files are copied, the next screen appears.

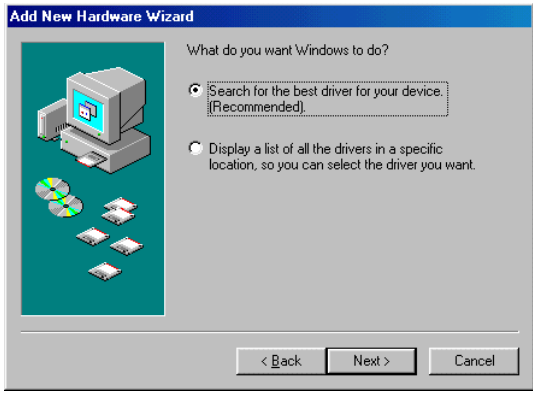
9 Click the [Finish] button.
A dialog box opens.

10 Click [Yes] to re-start your computer. If the [System Settings Change] dialog box does not open after the desktop screen appears, re-start the computer.

11 After the computer re-starts, the next screen appears.

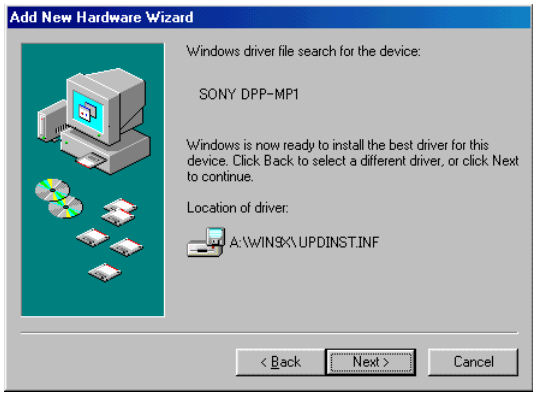
If the [Add New Hardware Wizard] does not open, double-click the [My Computer] icon. Then double-click the [Control Panel] folder, double-click the [Printers] folder, and double-click [Add Printer]. Follow the instructions displayed to install the printer driver.

12 Click the [Next] button.
The next screen opens.

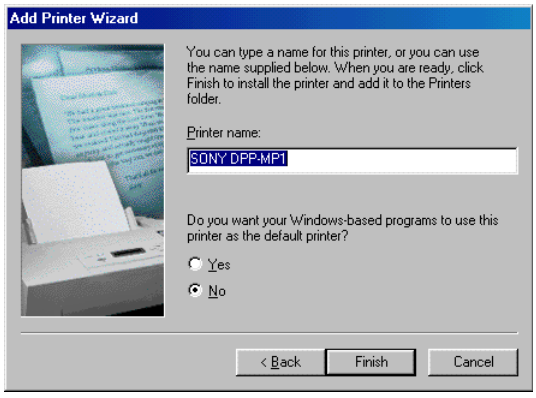


13 Make sure the first item, [Search for the best driver ...] is selected, and then click the [Next] button.
The next screen opens.

14 Click the [Specify a location] check box on, click the [Browse] button, open the [Win9X] folder on the CD-ROM, and then click the [Next] button.
The next screen opens.



15 Click the [Next] button.
The next screen opens.



16 Click the [Finish] button.
After the files are copied, the next screen opens.

17 Click the [Finish] button.

The printer driver installation for the USB connection is complete.

Removing the Printer Driver

This section describes the procedure to remove the printer driver.
After removing the printer driver, remove the Sony USB driver.

To remove the printer driver

1 Turn on the computer.

2 Select [Printers] from [Settings] in the [Start] menu.
The [Printers] window opens.

3 Select the printer that you want to remove.

4 On the [File] menu, click [Delete].

The printer driver removal is complete.

To remove the Sony USB driver

Note

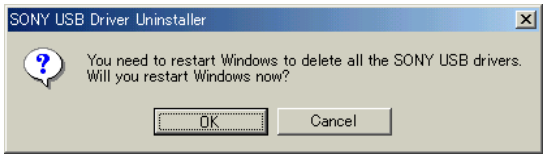
- Exit all programs before you remove the Sony USB driver.
- Before removing the Sony USB driver, make sure that all Sony printer drivers that use the USB port have been removed.

1 Select [Control Panel] from [Settings] in the [Start] menu.
The [Control Panel] window opens.

2 Double-click [Add/Remove Programs].
The [Add/Remove Programs Properties] dialog box opens.

3 In the list that appears on the [Install/Uninstall] tab, select “Sony USB driver”, and then click the [Add/Remove] button.
The following dialog box opens.

4 Click the [OK] button.
When the removal procedure finishes, the following dialog box opens.



Note

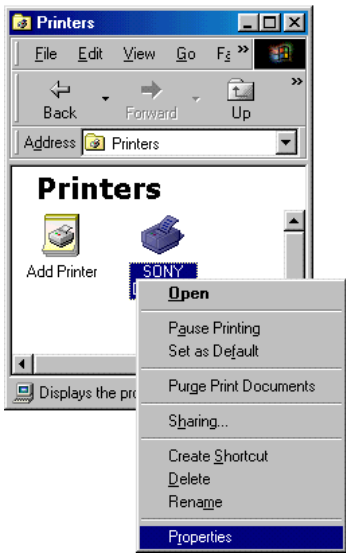
If another printer is using the Sony USB driver, the following dialog box appears.
Click the [OK] button. This stops the removal procedure.

5 Click the [OK] button.
The computer restarts.

The Sony USB driver removal is complete.

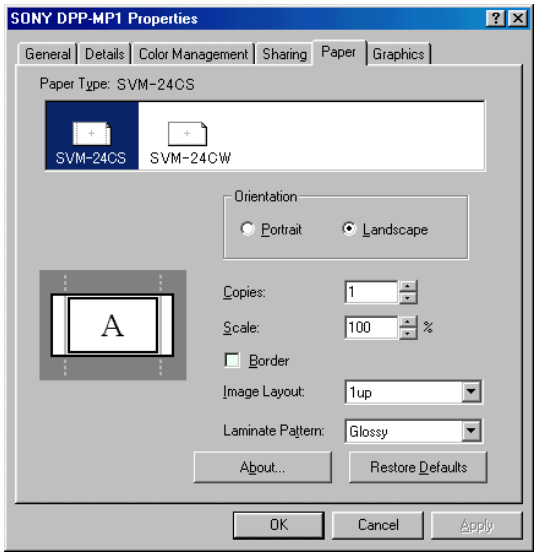
Using the Printer Driver

You can use the printer's [Properties] sheet to set the default settings for the paper size, orientation, and other important settings.
Double-click the [My Computer] icon, double-click [Printers], right-click the [Sony DPP-MP1] icon, and then click [Properties].



The [SONY DPP-MP1 Properties] sheet opens and presents the following tabs and items for setting.

[Paper] Tab



[Paper Type]

Select the type of paper loaded for printing. Types of printer packs that can be loaded and maximum image size settings are as follows,

Print Pack	Max. Image Size
SVM-24CS	1010 × 628 pixels
SVM-24CW	

[Orientation]

Select [Portrait] or [Landscape] for the print direction.

[Copies]

Select the number of copies to print (1 to 24).

[Scale]

Select the rate of enlargement or reduction. You an select a setting within the range of 10% to 400%.

[Border]

Select this check box to print a border in the margins.

[Image Layout]

Select the number of images to print on one sheet: 1up, 2up, 4up, or 8 up.

[Laminate Pattern]

Select a laminate pattern for the surface of the print from the three available options:

- [Glossy] The image is printed with a glossy, slick finish.
- [Texture] The image is printed with a silk screen finish.
- [Matte] The image is printed with a matte finish.

[About]

Click to display the number of the installed printer driver and other information.

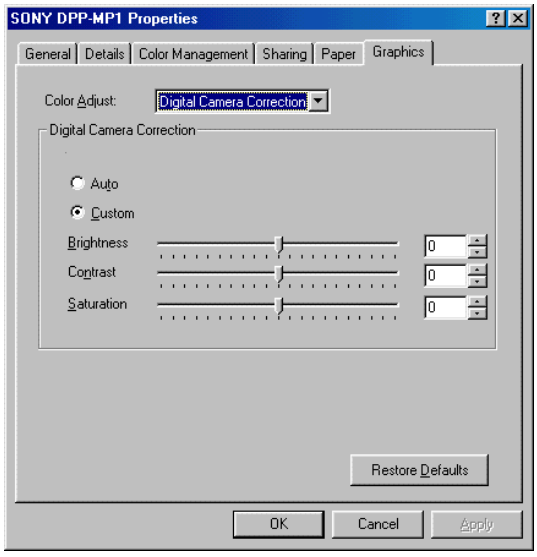
[Restore Defaults]

Restores the default selections for these settings.

[Graphics] Tab

This tab presents adjustments for image color, brightness and so forth.
From the [Color Adjust] pull-down list, you can select [Digital Camera Correction], [Color Balance], [Sharpness], or [Color Correction], and then adjust the image with the settings provided for each selection.

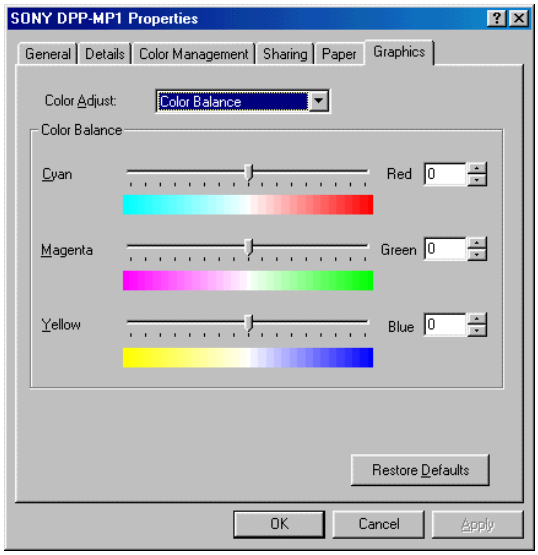
[Digital Camera Correction]



When printing an image captured with a digital camera, you can use the [Brightness], [Contrast] and [Saturation] settings to adjust the image.

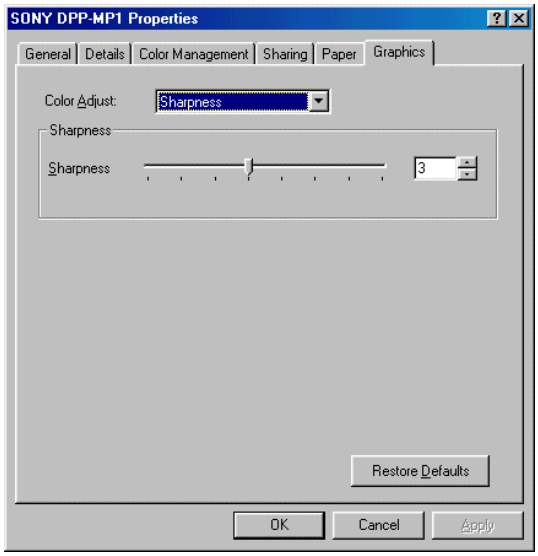
- Select [Auto] to achieve the best possible processing for a digital image.
- Select [Custom] to manually adjust the [Brightness], [Contrast], and [Saturation] of the image.

[Color Balance]



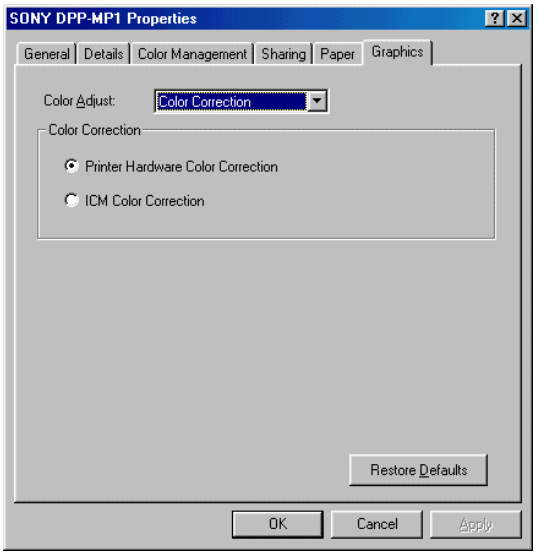
You can adjust the balance for each color by dragging the slider to the left or right, entering a value directly into a box, or clicking the arrows next to a box to increase or decrease the setting.

[Sharpness]



You an adjust the sharpness of the image outline by dragging the slider to the left or right, entering a value directly into the box, or clicking the arrows next to the box to increase or decrease the setting.

[Color Correction]



Select the color correction method.

- Select [Printer Hardware Color Correction] to have the printer correct the color automatically.
- Select [ICM Color Correction] to use a color profile for color correction.

Macintosh Printer Driver

DPP-MP1

© 2001 Sony Corporation

Installing the Printer Driver

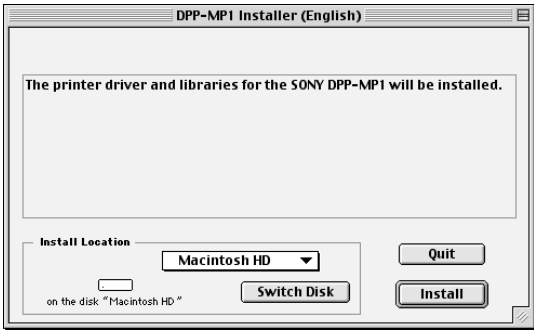
Install the printer driver from the CD-ROM provided with the printer.

1 Insert the provided “digital photo printer for DPP-MP1” CD-ROM into the CD-ROM drive.
The “PRINTER SOFTWARE” icon is displayed on the desktop.

2 Double-click the “Driver” icon to open the folder.

3 Double-click the “Chooser” icon to open the folder.

4 Double-click [DPP-MP1 Install-English].



5 Follow the instructions displayed on the screen.

6 When installation is complete, restart the Macintosh.

Note

- When using the DPP-MP1 and the UP-DP10 at the same time, install the printer driver for the UP-D10 first, and then install the printer driver for the DPP-MP1.
- Before using the printer driver, be sure to read the “Readme (English)” file in the “Chooser” folder.

Removing the Printer Driver

Remove the printer driver with the following procedure.

Note

Before beginning this procedure, turn off the DPP-MP1 or disconnect it from the Macintosh.

1 When there is a desktop a desktop printer present, delete the icon.

Note

If spool files remain when you delete the desktop printer icon, a confirmation dialog box opens. Wait until all the data is printed or delete it before continuing the procedure.

2 In “System Folder”, open the “Extensions” folder.

3 Delete the following four files in the “Extensions” folder.
If you cannot delete the files, restart the Macintosh after disconnecting the printer and try to delete the files again.
- DPP-MP1
- DPP-MP1 Printer Class Driver
- UPDP10Lib.PPC
- UPDP10USBLib.PPC

Note

When UP-DP10 is installed, do not delete the following two files.
- UPDP10Lib.PPC
- UPDP10USBLib.PPC

4 When you want to delete the printer preferences, in “System Folder”, open the “Preferences” folder, then delete the “Sony DPP-MP1 Prefs” folder.

5 Empty the Trash can.
If it you cannot empty the Trash can, restart the Macintosh after disconnecting the printer and try to empty the trash can again.

6 When removal is complete, restart the Macintosh.

Making Printer Settings

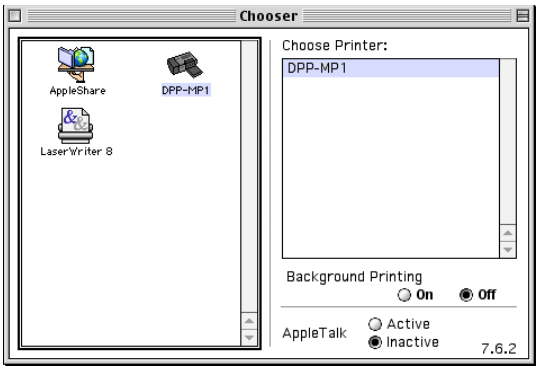
Select the DPP-MP1 with the Chooser

Select the DPP-MP1 with the Chooser it use it for the first time, or whenever you want to use it after using another printer.
First, make sure that the DPP-MP1 is properly connected to the Macintosh with the USB cable, and that the DPP-MP1 is on.

1 Select [Chooser] on the Apple menu.
The "Chooser" window opens.

2 Select the DPP-MP1 icon from among those displayed in the "Chooser" window's left-hand frame.
[DPP-MP1] appears in the Choose Printer box on the right.

3 Select [DPP-MP1] in the list box.

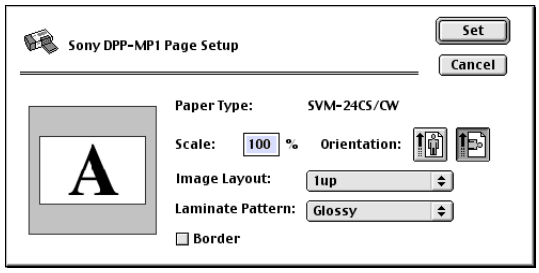


Below the list box, select [On] or [Off] for [Background Printing], as desired.

4 Close the "Chooser" window.

Selecting the Paper Type

Paper type selection and basic print settings such as image layout are made through the [Page Setup] dialog box. Be sure to make these settings before printing.
To display the [Page Setup] dialog box, select [Page Setup] on the [File] menu. Options available in the [Page Setup] dialog box are as follows.



☐ [Paper Type]

You can print using either [SVM-24CS] or [SVM-24CW].

☐ [Scale]

Select the rate of enlargement or reduction. You can select a setting within the range of 10% to 400%.

☐ [Orientation]

Select the print direction.

☐ [Image Layout]

Select the number of images to print on one sheet: 1up, 2up, 4up, or 8up.

☐ [Laminate Pattern]

Select a laminate pattern for the surface of the print from
the three available options:

- [Glossy] The image is printed with a glossy, slick finish.
- [Texture] The image is printed with a silk screen finish.
- [Matte] The image is printed with a matte finish.

☐ [Border]

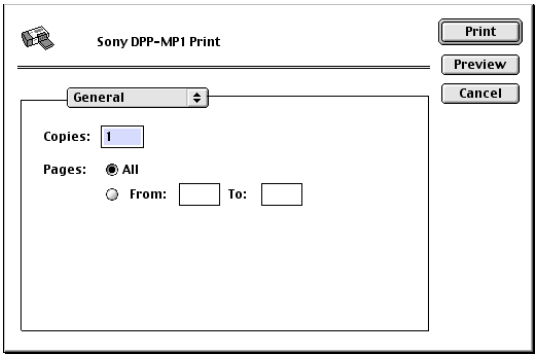
Select this check box to print a border in the margins. Selecting this option slightly reduces the size of images that can be printed.

- After selecting the desired options, click the [Set] button to save the settings.
- To cancel the settings without saving them, click the [Cancel] button.

Making Print Settings

The [Print] dialog box appears when you select [Print] from the "File" menu. Select [General] or [Color Adjust] in the pull-down list at the top of the dialog box and make settings for both.

[General] Settings



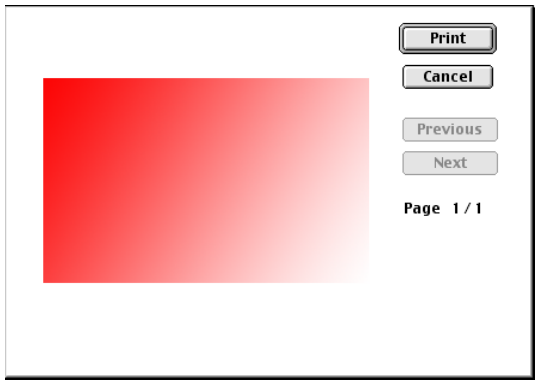
☐ [Copies]

Set the number of copies to print. You can select from 1 to 24 copies.

☐ [Pages]

Set the range of pages to print.

- When you select [All], all the pages are printed.
- When you enter numbers in the [From] and [To] boxes, the pages in the specified range are printed. Enter the numbers with the keyboard.
- After setting options, printing starts when you click the [Print] button.
- If you click the [Cancel] button, printing is canceled.
- If you click the [Preview] button, a window like the following appears to show the expected appearance of the printed image on the Macintosh's screen.



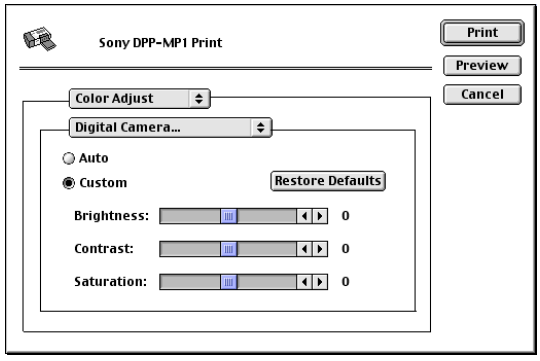
- If you click the [Print] button in this window, the image is printed.
- If you click the [Cancel] button, printing is canceled.
- When previewing a multi-page document, you can view the following or preceding pages by clicking the [Next] and [Previous] buttons.

These setting are described below.

[Color Adjust] Settings

With the [Color Adjust] settings, you can adjust the appearance of printed images, such as color and brightness. Make these settings when you are not satisfied with the print finish or need to make fine adjustments.
When you select [Color Adjust] in the [Print] dialog box, a new pull-down list appears.

☐ [Digital Camera…]

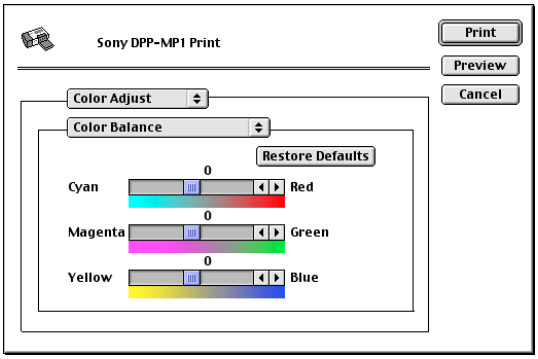


When printing an image captured with a digital camera, you can use the [Brightness], [Contrast], and [Saturation] settings to adjust the image.

- Select [Auto] to achieve the best possible processing for a digital image.

- Select [Custom] to manually adjust the [Brightness], [Contrast], and [Saturation] of the image.
- Click [Restore Defaults] to restore all custom changes made to their defaults.

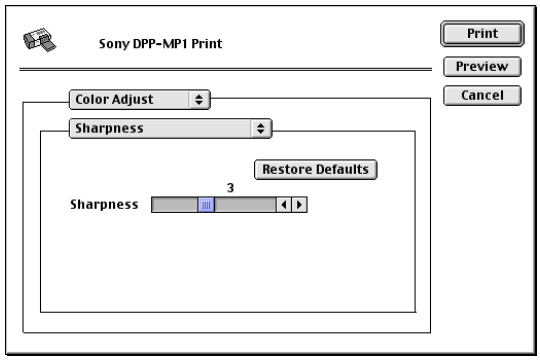
☐ [Color Balance]



You can adjust the balance for each color by dragging the slider left or right.

- Clicking [Restore Defaults] restores the color balance settings to their defaults.

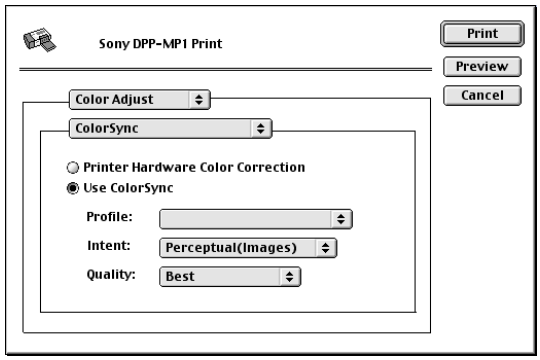
☐ [Sharpness]



You can adjust the sharpness of the image outline by dragging the slider left or right. The larger the value, the more the image outline is emphasized.

- Clicking [Restore Defaults] restores the sharpness setting to its default.

☐ [Color Sync]



When “Use ColorSync” is selected, you can select the following options.

- In the [Profile] pull-down list, you can specify the DPP-MP1 profile.
- In the [Intent] pull-down list, you can select any of the following color reproduction mapping.
  Perceptual (Images)
  Saturation (Graphics)
  Relative Colorimetric
  Absolute Colormetric
- In the [Quality] pull-down list, you can select the any of the following for color matching quality.
  Best
  Normal
  Draft

Color adjustment settings are saved for use on the Macintosh computer on which they are made. (The settings do not apply to individual jobs or applications only.) Once the settings have been made, you can print using them from any application.